

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, all listings, of claims in the application:

LISTING OF CLAIMS

1. (canceled)

2. (previously presented)

The transmitter-receiver apparatus according to claim 5, wherein said output signal comprises:

- a first output signal component, adapted to represent current data and current time;
- a second output signal component, comprising indicative information about said radio receiver;
- a third output signal component, comprising indicative information about a source transmission station of said input signal; and
- a fourth output signal component, comprising indicative information about a piece transmitted by said source transmission station and received by said radio receiver.

3. (previously presented)

The transmitter-receiver apparatus according to claim 2, wherein said second output signal component comprises one or more data blocks, each of said blocks being constituted by a bit sequence adapted to represent a portion of said indicative information about said radio receiver.

4. (previously presented)

The transmitter-receiver apparatus according to claim 5, wherein said output signal comprises a fifth output signal component, comprising indicative information about a list of preferred pieces.

5. (previously presented)

A transmitter-receiver apparatus comprising:

a radio receiver compatible with the RDS standard and receiving a signal according to the RDS standard;

a signal-coding unit connected to said radio receiver, receiving as input an input signal according to the RDS standard comprising not-indicative information about said radio receiver, and emitting as output an output signal, said signal-coding unit combining at least one portion of said input signal with a signal component comprising indicative information about said radio receiver, the combination between at least one portion of said input signal and said signal component being said output signal; and

a transmission unit connected to said signal coding unit, adapted to transmit the output signal emitted as output by said signal coding unit.

6. (previously presented)

The transmitter-receiver apparatus according to claim 5, wherein said radio receiver includes a piece-searching system, which comprises:

a first tuner to select and receive a first frequency;

a memory unit to store RDS data;

a second tuner to select, while receiving said first frequency, a second frequency different from the first frequency and not belonging to the AF list of the frequencies alternative to the first frequency; and

a switching device adapted to control the reception switching between the first and second tuner after comparing RDS data related to said second frequency with the RDS data stored in the memory unit.

7. (previously presented)

The transmitter-receiver apparatus according to claim 5, wherein said transmission unit adopts a GSM-type data transmission standard.

8. (canceled)

9. (previously presented)

The system according to claim 12, wherein said first input signal comprises:

 a first input signal first component, comprising indicative information about transmission date and time of said first input signal;

 a first input signal second component, comprising said indicative information about said radio transmitter from which said first input signal is transmitted;

 a first input signal third component, comprising indicative information about a source transmission station of said first input signal; and

 a first input signal fourth component, comprising indicative information about an excerpt transmitted by said source transmission station.

10. (previously presented)

The system according to claim 12, wherein said first input signal second component comprises one or more data blocks, each of said one or more data blocks being formed by a bit sequence adapted to represent a portion of said indicative information about said radio transmitter from which said first input signal is transmitted.

11. (previously presented)

The system according to claim 12, wherein said first input signal comprises a first input signal fifth component, comprising indicative information about a list of preferred pieces.

12. (currently amended)

A system for receiving radio-transmitted data comprising:

 a receiving unit adapted to receive a signal coming from at least one transmitter-receiver apparatus;

 a ~~first~~ signal-decoding unit connected to said receiving unit, receiving as input a first input signal comprising indicative information about a transmitter-receiver apparatus from which said input signal is transmitted, said ~~first~~ signal-decoding unit separating said indicative information about said transmitter-receiver apparatus from said first input signal;

a control unit connected to said ~~first~~ signal-decoding unit, adapted to control capturing, storing, processing and monitoring of signals coming from said ~~first~~ signal-decoding unit;

a storing unit connected to said control unit, adapted to store data coming from said control unit; and

a processing unit connected to said control unit, adapted to perform statistical-type calculations on data sent by said control unit,

wherein said at least one transmitter-receiver apparatus comprises:

a radio receiver compatible with the RDS standard and receiving a signal according to the RDS standard;

a ~~second~~ signal-coding unit connected to said radio receiver, receiving as input a second input signal, the second input signal being a signal according to the RDS standard and comprising not-indicative information about said radio receiver, said ~~second~~ signal-coding unit emitting as output an output signal, said ~~second~~ signal-coding unit combining at least one portion of said second input signal with a signal component comprising indicative information about said radio receiver, the combination between at least one portion of said second input signal and said signal component being said output signal; and

a transmission unit connected to said ~~second~~ signal-coding unit, to transmit said output signal .

13. (previously presented)

The system according to claim 12, wherein said receiving unit adopts a data-receiving GSM-type standard.

14. (previously presented)

The system according to claim 12, wherein said statistical-type calculations on data provided by said control unit are performed in real time by said processing unit.

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15. (previously presented)

The system according to claim 12, wherein said statistical-type calculations on data provided by said control unit are performed in historical mode by said processing unit.